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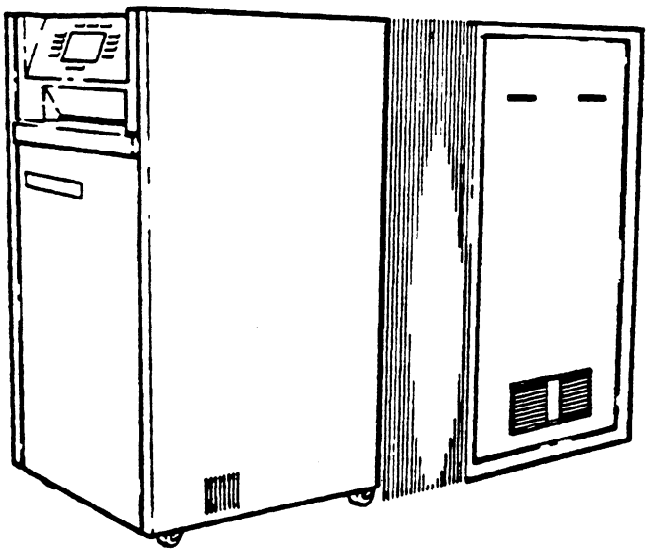
# Supplement

to

# INSTALLATION INSTRUCTIONS Kodak Multiloader Model 700

for the

# PROCESSOR MODEL M6AW READY KIT, Cat. No.7094873



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**PLEASE NOTE**

**CAUTION**

**This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.**

**PARTSLIST**

| PART NO. | DESCRIPTION | QUANTITY |
|---|---|---|
| 9197208 | INTERFACE KIT INCLUDES: | |
| 9197255 | CABLE ASSEMBLY | 1 |
| 9197334 | CABLE ASSEMBLY (WITH INTERFACE JACK) | 1 |
| 9197124 | CABLE ASSEMBLY, ML 700-PROCESSOR | 1 |
| 9197234 | ELECTRONICS BOX, COMPLETE | 1 |
| 9197322 | GROUND WIRE | 1 |
| 4500142 | TOOTHED WASHER | 6 |
| 4853121 | NUT | 2 |
| 6081850 | CABLE TIES | 5 |
| 9197191 | LABEL "READY SIGNAL" | 1 |
| 4320021 | SCREW | 1 |
| 4531671 | TUBING | 1 |
| 5554504 | CABLE TIE | 8 |
| 4526741 | CONNECTOR HOUSING | 1 |
| 9197181 | PLATE | 1 |
| 4499510 | TOOTHED WASHER | 8 |
| 4526611 | FUSECAP, 60 HZ | 1 |
| 4526511 | FUSECAP, 50 HZ | 1 |
| 4529961 | FUSE, UL 0,25 SLOW BLOW | 1 |
| 4518201 | FUSE VDE 0,25 T | 1 |
| 9197341 | LABEL, FUSE RATINGS | 1 |

**For PART NUMBERS of PCB COMPONENTS see PCB LAYOUT on page 13.**

**CAUTION**

**For reasons of electrical safety this accessory may only be installed in PROCESSOR M6A-W with PLASTIC CABEL CONDUIT as shown in Fig. 3.**

## INSTALLATION

**1** Use WALL SWITCH to turn off PROCESSOR. Also turn off MULTILOADER 700.

**2** Remove PANEL and COVER shown in Fig. 1.

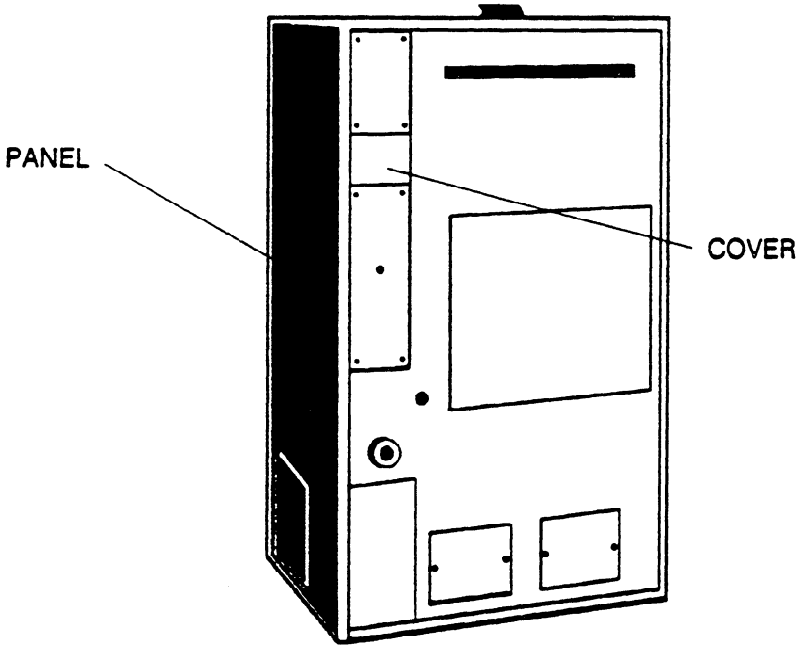


figure 1

**3** Connect PLUG from CABLE ASSY 9197255 to CONNECTOR on ELECTRONICS BOX 9197234.

**4** Push TUBING 4531671 over PLUG and CONNECTOR on ELECTRONICS BOX as shown in Fig. 2. Push TUBING 4531671 down all the way.

**5** Secure TUBING with CABLE TIES 5554504 as shown in Fig. 2.

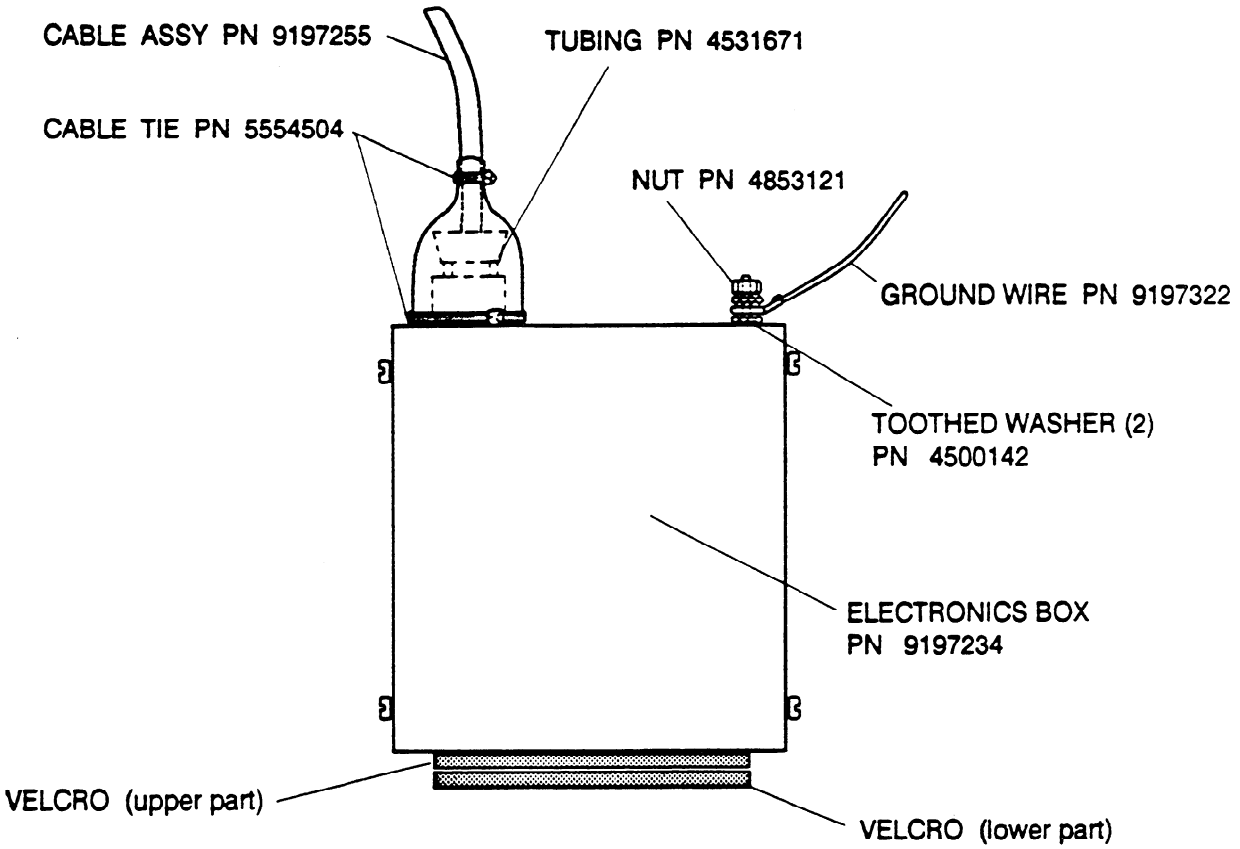


figure 2

**6** Install GROUND WIRE 9197321 to ELECTRONICS BOX, use HARDWARE shown in Fig. 2.

**NOTE:**

**The GROUND WIRE might have been connected already by the factory.**

**7** Remove the COVER from the ELECTRONICS BOX 9197234. Select proper FUSE CAP and FUSE:

ML 700, 60 Hz = UL type FUSE CAP and FUSE, 025A, slow blow.
ML 700,50Hz = VDE type FUSE CAP and FUSE, 025 A T.

Attach LABEL, FUSE RATING, to outside of COVER: Install the ELECTRONICS BOX 9197234 into the PROCESSOR as shown in Fig. 3. Use VELCRO supplied. Install lower part of VELCRO into PROCESSOR.

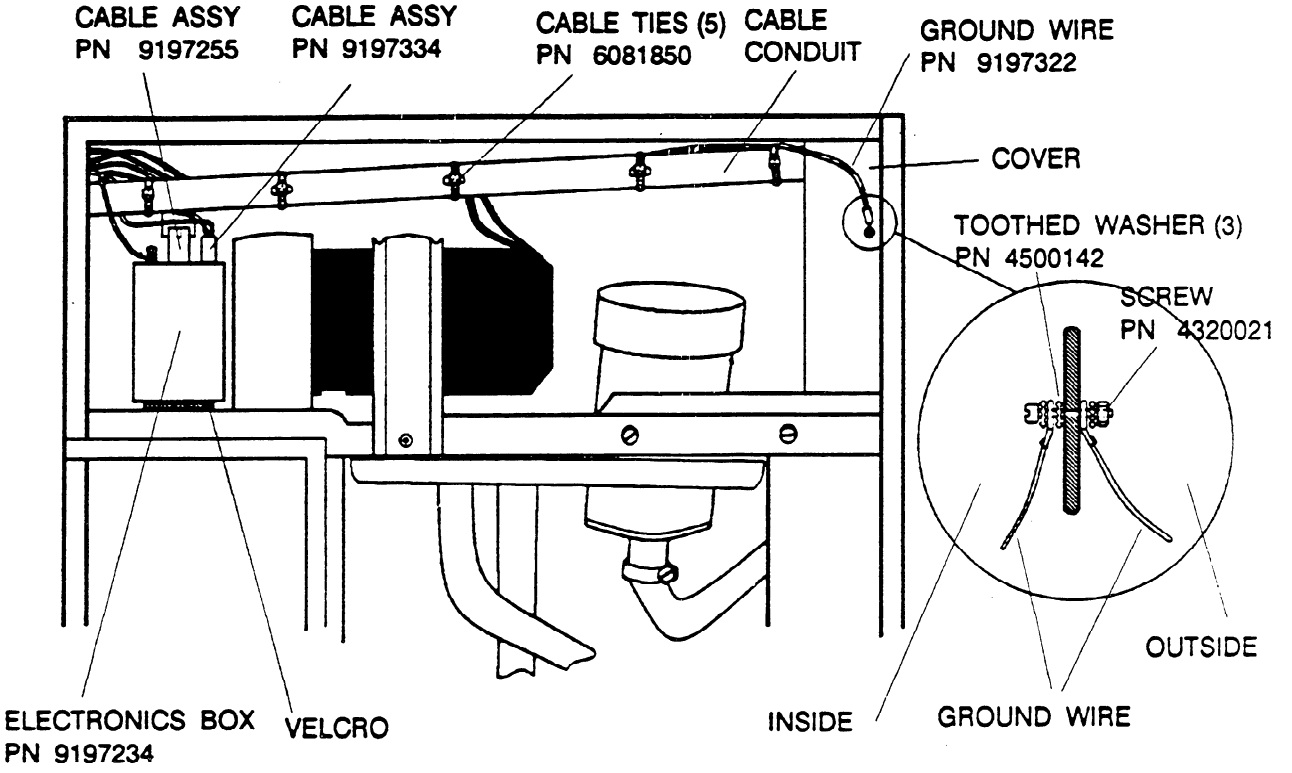


figure 3

**8** Remove the COVER from the CABLE CONDUIT.

**9** Push the CABLE ASSY 9197255 into the CABLE CONDUIT.

**NOTE**

**The TUBING of the CABLE ASSY 9197255 must be inside the CABLE CONDUIT at a minimum of 3.0 cm.**

**10** Place the GROUND WIRE 9197321 coming out of the CABLE CONDUIT connect to PROCESSOR, as shown in Fig. 3. Using SCREW 4320021 and 3 TOOTHED WASHERS 4500142.

**11** From the rear of the PROCESSOR (COVER removed in step 2) push CABLE ASSY 9197334 through PROCESSOR WALL. Place CABLE ASSY into the CABLE CONDUIT to the end, close to the ELECTRONICS BOX 9197234, installed in step 7 (see Fig. 3).

**12** Push the 2 CONTACT SPRINGS of the CABLE ASSY 9197334 into the CONNECTOR HOUSING 4526741 as shown in Fig. 4.

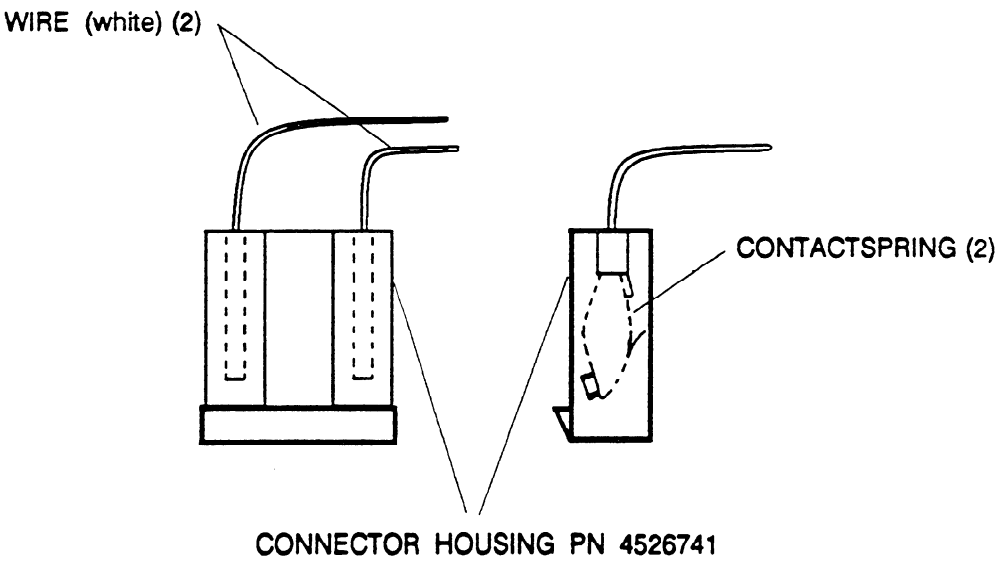


figure 4

**13** Push the CONNECTOR into RECEPTACLE on the ELECTRONICS BOX. Make sure CONNECTOR is latched in.

**14** Replace CONDUIT COVER, removed in step 8.

**15** Use 5 CABLE TIES 6081850 to secure the CONDUIT COVER, see Fig. 3.

**NOTE**

**The 5 CABLE TIES must be placed over the holes in the CONDUIT COVER of the CABLE CONDUIT.**

**16** On the feedside of the PROCESSOR (Cover removed in step 2) connect the RED WIRE of the CABLE ASSY 9197255 to TERMINAL 12 of TB3, the BLUE WIRE to TERMINAL 17 of TB3 and the BLACK WIRE to TERMINAL 14 of TB3, as shown in Fig. 5.

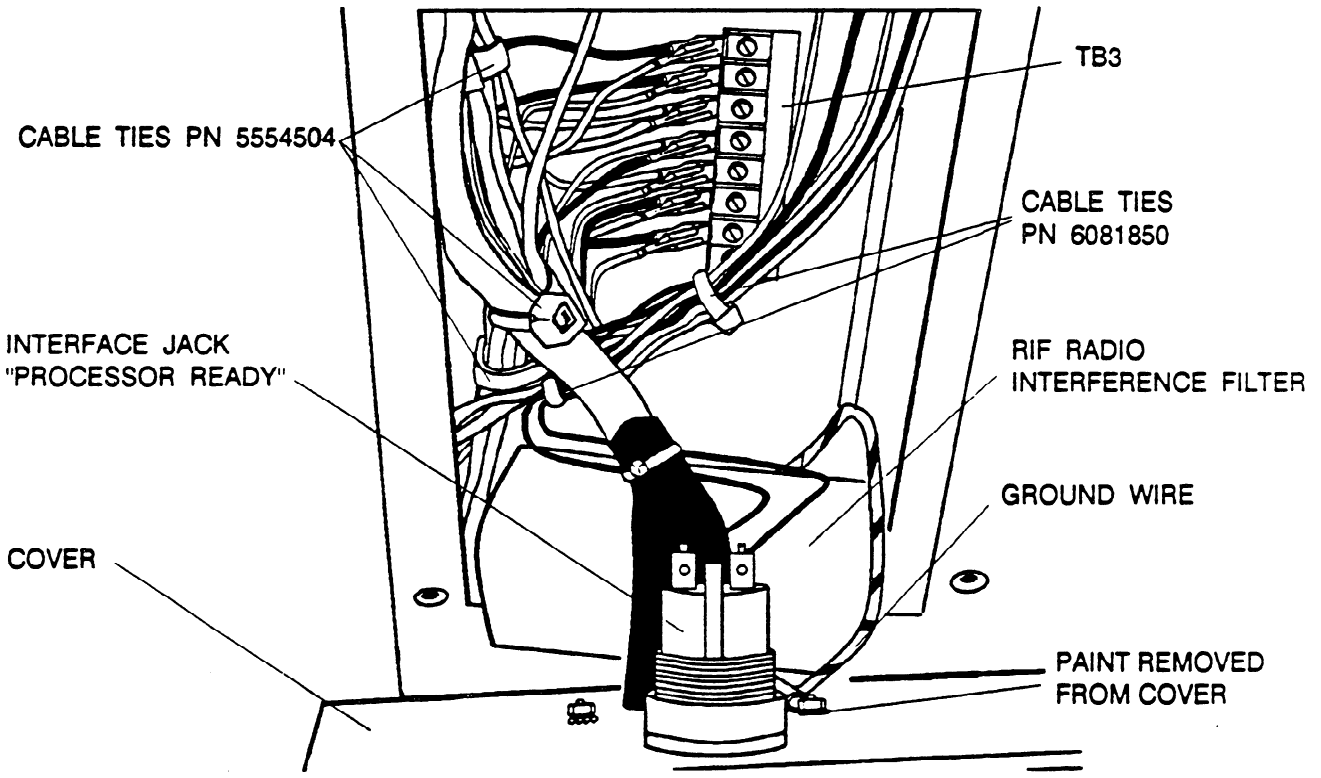


figure 5

**17** From the COVER remove the DARKROOM LIGHT RECEPTACLE and discard it. Save the MOUNTING HARDWARE.

**18** Remove and discard the WIRES, connected to the DARKROOM RECEPTACLE and CIRCUIT BREAKERS CB 2 (2A) CB 3 (15A). (See Fig. 7 for CB Location). Save the GROUND WIRE.

**19** Mount PLATE 9197181 to the COVER as shown in Fig. 6 and 7. Use MOUNTING HARDWARE from step 17. Remove PAINT from inside of COVER (see Fig. 6).

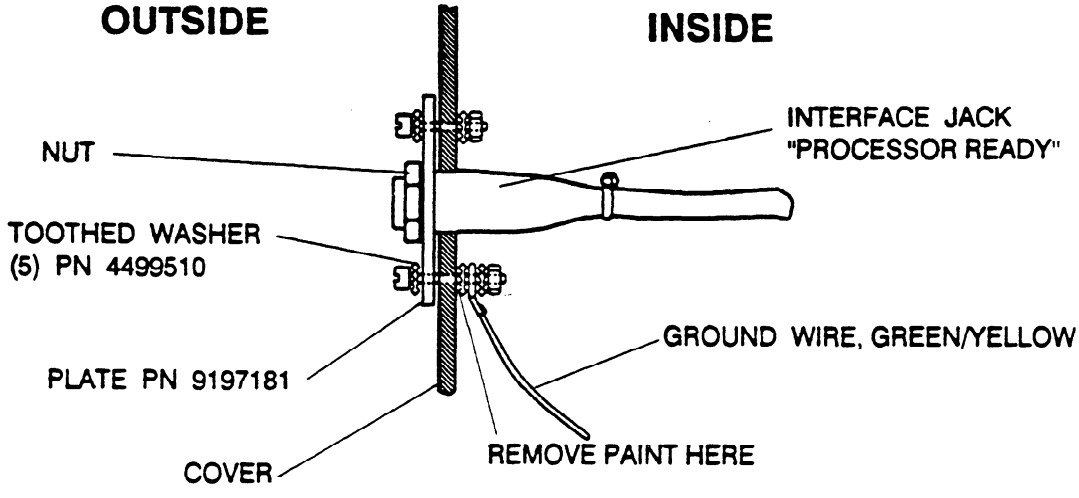


figure 6

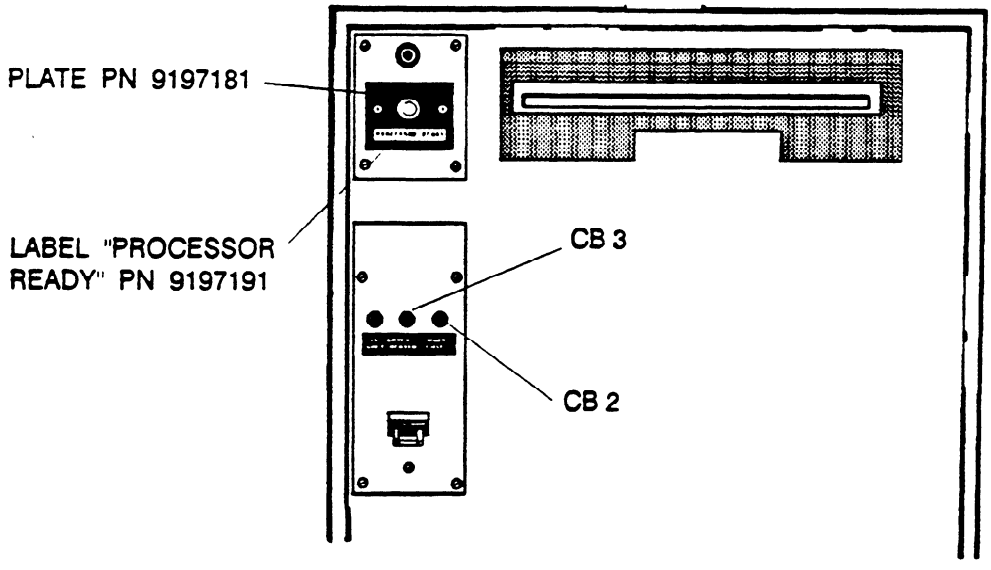


figure 7

**20** Connect the GROUND WIRE, from step 18, to the COVER as shown in Fig. 5 and 6.

**21** Mount INTERFACE JACK, "PROCESSOR READY" to PLATE 9197181, as shown in Fig. 6.

**22** Use 3 CABLE TIES 5554504 to secure the WIRES that carry linevoltage, see Fig. 5. Push the WIRES to the left.

**23** The WIRES, coming from the RIF must be secured with 2 CABLE TIES 6081850, see Fig. 5. Push the WIRES to the right.

**NOTE**

**On TB 3, CONNECTORS 5 to 22 must be pushed down slightly in order to prevent the rear of the INTERFACE JACK from touching the CONNECTORS, when the COVER is replaced.**

**24** Install LABEL "READY SIGNAL" 9197191 under INTERFACE JACK as shown in Fig. 7.

**25** Reinstall COVER and SIDEPANEL.

**CAUTION**

**Make sure ML 700 and PROCESSOR are both switched off before CABLES are plugged in. Damage might result to PCB A0 in ML 700 if the PHONE PLUGS are connected while the power is on.**

**26** Connect CABLE ASSY 9197124 (ML 700 - M6A-W) to INTERFACE JACK "PROCESSOR READY", see Fig. 7. Connect other end (AMP PLUG) to ME-3 CONNECTOR on ML 700 (see fig. 8).

**27** Connect original INTERFACE CABLE (packed with TUNNEL) to INTERFACE JACK "PROCESSOR START", see NOTE. Connect other end (AMP PLUG) to M6/M8 CONNECTOR on ML 700 (see Fig. 8).

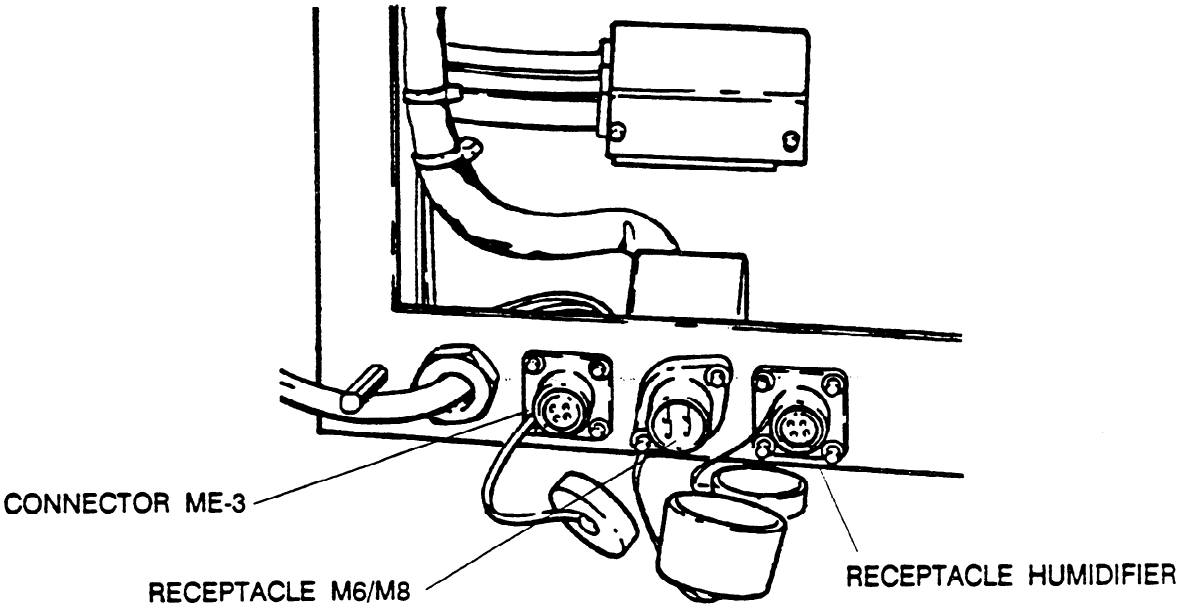


figure 8

NOTE

**Depending on the type of STAND BY ACCESSORY used in the M6A-W an INTERFACE JACK "PROCESSOR START" might not be installed in the PROCESSOR.**

**28** Turn on ML 700 and M6A-W. Enter SERVICE MODE. DISPLAY will be as shown in Fig. 9.

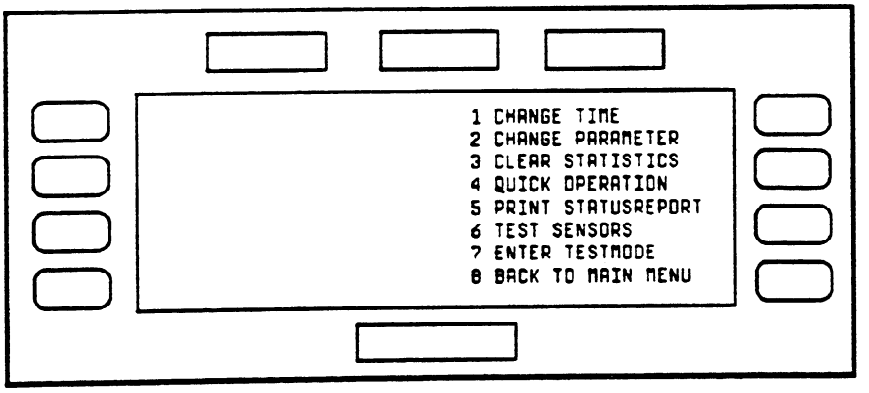


figure 9

**29** Press KEY 2 for PARAMETERS.

**30** Press KEY 8 to get DISPLAY as shown in Fig. 10.

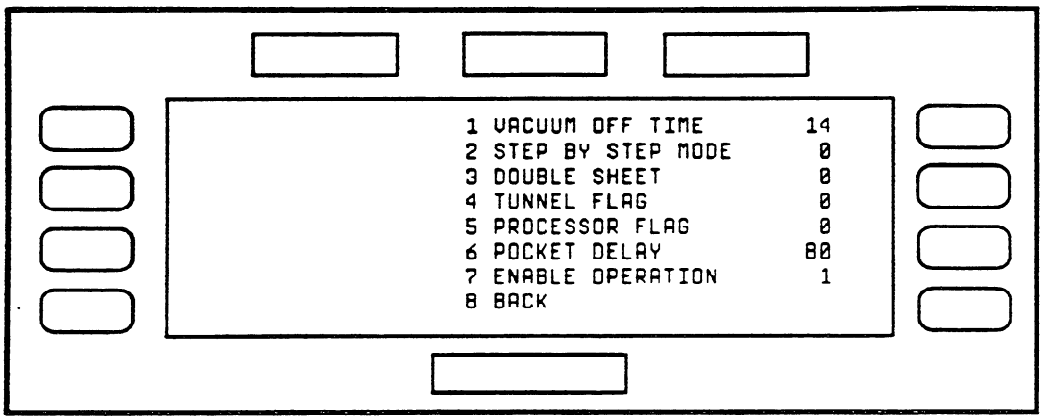
1 VACUUM OFF TIME 14
2 STEP BY STEP MODE 0
3 DOUBLE SHEET 0
4 TUNNEL FLAG 0
5 PROCESSOR FLAG 0
6 POCKET DELAY 80
7 ENABLE OPERATION 1
8 BACK

figure 10

**31** Press KEY 5 for PROCESSOR FLAG.

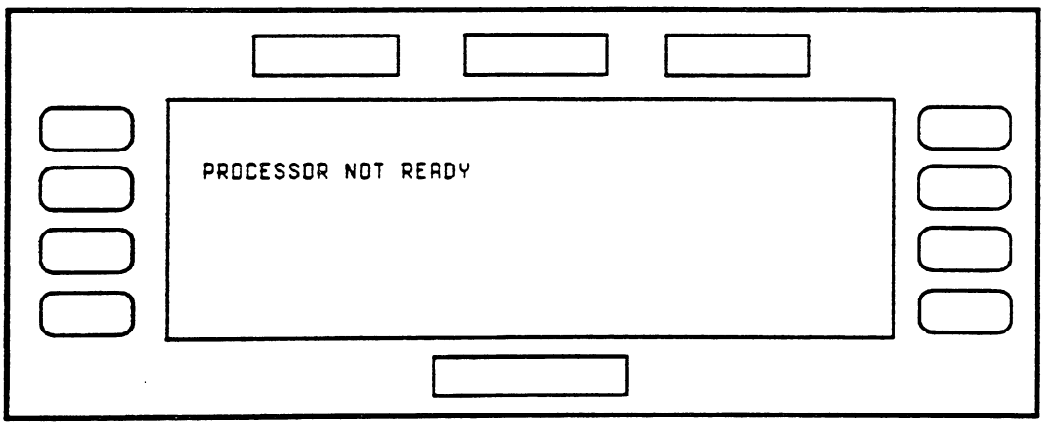


figure 11

**NOTE**

**Set PROCESSOR FLAG to 1 if ML 700 should not accept a CASSETTE in case the PROCESSOR is not at operating temperature and DISPLAY shows PROCESSOR NOT READY see Fig. 11.**

**Set PROCESSOR FLAG to 2 if ML 700 should accept a CASSETTE in case PROCESSOR is not at operating temperature and DISPLAY shows PROCESSOR NOT READY (see fig. 11).**

**CAUTION**

**The PROCESSOR READY KIT does not monitor the DRIVE of the PROCESSOR.**

**LAYOUT OF PCB**

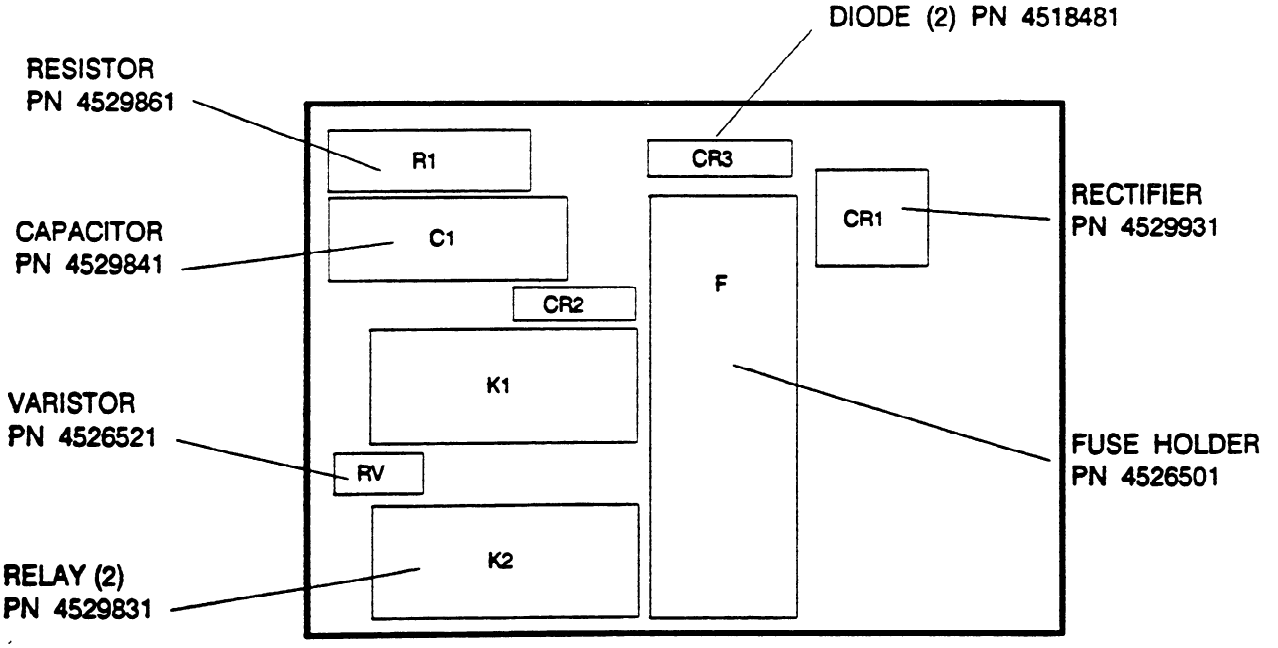


figure 12

## CIRCUIT DESCRIPTION

If the PROCESSOR M6AW is powered up, the discharged CAPACITOR C1 will inhibit RELAY K1. This is necessary because during power up, 220 VAC will be on TERMINALS 12 and 17 coming from the SOLID STATE RELAY U1 in the M6AW. After a short period this voltage will go to zero because TERMINALS 12 and 17 will be shorted during the ON stage of U1. K1 will stay deenergized. K 1-1 and K 1-2 is open. K 2 is inhibited. K 2-1 is open. ML 700 will display "PROCESSOR NOT READY". If the SOLUTION temperature has reached the set level U1 in the M6AW will be off and 220 VAC will be on TERMINALS 12 and 17. K1 is energized via RECTIFIER CR1. K 1-1, K 1-1 will be closed and K 2 is energized, K 2-1 is closed and "PROCESSOR NOT READY" will disappear. K 1-1 will selfhold K1 via TERMINAL 14 (220 VAC) and DIODES CR 2 and CR 3. This will prevent K 1 from being deenergized when the THERMOSTAT is calling for heat during normal operation.

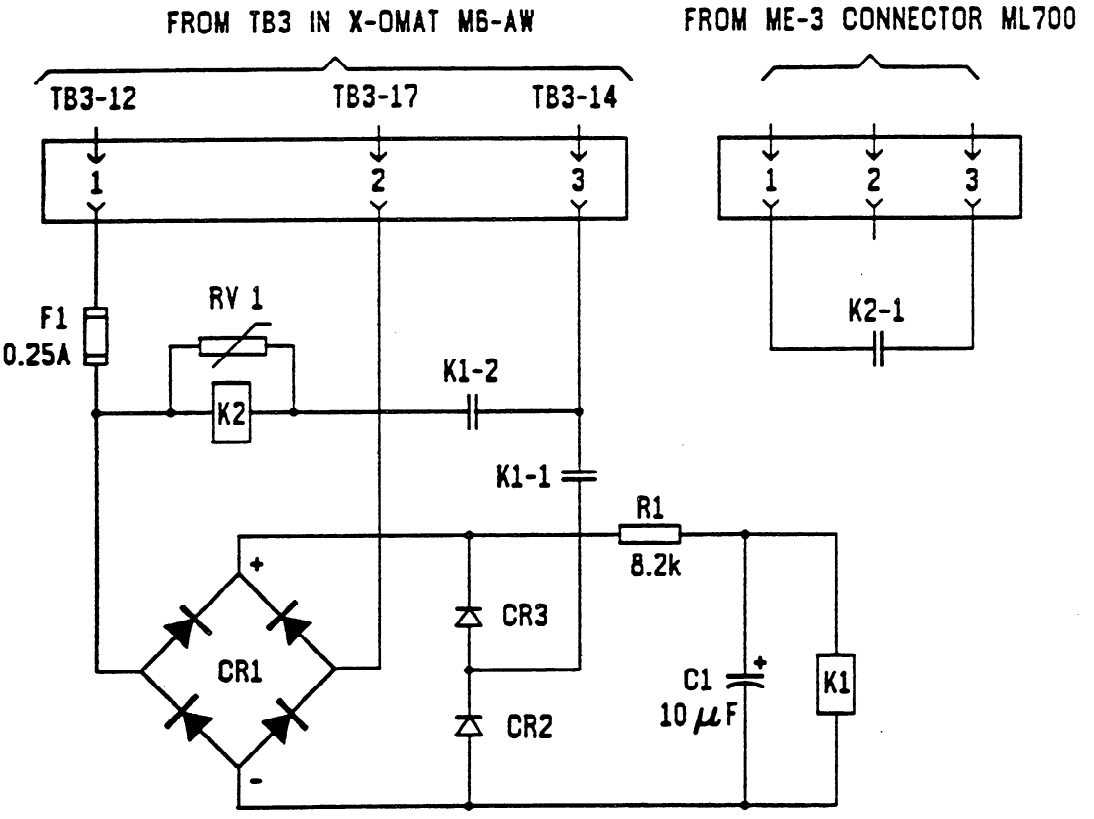


figure 13

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